

THE  
COMMONWEALTH OF MASSACHUSETTS  
ANNUAL REPORT  
of the  
TRUSTEES  
of the  
DANVERS STATE HOSPITAL  
for the  
Year Ending June 30, 1959  
Department of Mental Health

DANVERS STATE HOSPITAL

(Post Office Address: Hathorne, Mass.)

TRUSTEES

Mr. Roy K. Patch, Chairman, Beverly  
Mrs. Dorothy Stevens, Andover  
Mrs. Elizabeth McNulty, Danvers  
Mr. James W. O'Donnell, Winchester  
Mr. Arthur P. O'Connor, Lawrence  
Mr. B. Frederick Yoffa, Beverly  
Mr. Roger E. Wells, Salem

RESIDENT OFFICERS

Peter B. Hagopian, M.D., Superintendent  
Francis X. Sullivan, M.D., Assistant Superintendent  
Evelyn B. Fisk, M.D., Senior Physician, Pathologist  
Andrew Nichols, III, M.D., Senior Physician  
Gerrard F. Hess, M.D., Senior Psychiatrist  
Walter Kruse, M.D., Senior Psychiatrist  
Aristotle Nicolaidis, M.D., Senior Psychiatrist  
Constantine Loures, M.D., Staff Psychiatrist  
Angelito C. Capistrano, M.D., Staff Psychiatrist  
Abdulaziz G. Khakee, M.D., Staff Psychiatrist  
Mathilde G. Hoermann, M.D., Staff Psychiatrist  
Daniel D. Alexander, M.D., Senior Physician, Out-Patient Dept.  
Ralph F. Baxter, D.M.D., Dentist

HEADS OF DEPARTMENTS

Mr. Joseph S. Perkins, Steward  
Mr. Paul M. Moomjian, Treasurer  
Mr. Samuel A. Clark, Chief Power Plant Engineer  
Mrs. Mary H. Houlberg, Head Psychiatric Social Worker  
Miss Mary E. Sheehan, Principal Clerk and Secretary to Dept. Head  
Mr. Merle D. Getchell, Chief Hospital Supervisor, Male Dept.  
Miss Olive F. Estey, R.N., Director of Nurses  
Mrs. Grace M. Gray, R.N., Chief Hospital Supervisor, Female Dept.  
Miss Sarah M. Reardon, R.N., Chief Hospital Supervisor, Middleton  
Mrs. Olive J. Lipinski, Head Occupational Therapist Colony  
Mr. Azad Maranjian, Psychologist  
Mr. Robert A. Dunn, Maintenance Foreman  
Mr. Horace H. Clark, Head Farmer

CONSULTING PHYSICIANS

Robert W. Pearson, M.D., Chief Surgeon  
Richard E. Alt, M.D., Surgeon  
Carl Blotner, M.D., Surgeon  
D. Richard Freni, M.D., Surgeon  
Ernest A. Golia, M.D., Surgeon  
Dougald C. MacGillivray, M.D., Surgeon  
Frederick B. Mayo, M.D., Chief in Medicine  
Albert E. Parkhurst, M.D., Internist  
Stuart N. Gardner, M.D., Internist



Consulting Physicians (continued)

Warren D. Babb, M.D., Internist  
Nathaniel MacDonald, M.D., Internist  
Maurice K. Laurence, M.D., Internist  
Frank H. Healey, M.D., Internist  
David Dove, M.D., Internist  
Henry D. Stebbins, M.D., Internist  
Francis E. Barry, M.D., Gynecologist  
L. Alexander Vance, M.D., Roentgenologist  
John J. O'Neil, M.D., Anesthetist  
Bernard Appel, M.D., Dermatologist  
Abraham Binder, M.D., Dermatologist  
Storer P. Humphreys, M.D., Neurosurgeon  
Joseph H. Lipton, M.D., Urologist  
Robert B. Nangle, M.D., Urologist  
Daniel M. Killoran, M.D., Orthopedic Surgeon  
H. Archer Berman, M.D., Orthopedic Surgeon  
John J. Crowley, M.D., Orthopedic Surgeon  
Samuel Levind, M.D., Orthopedic Surgeon  
Olin S. Pettingill, M.D., Tuberculosis  
Morris Yorshis, M.D., Psychiatrist and Neurologist  
James A. Bragan, M.D., Psychiatrist  
Alphonse L. Senecal, M.D., Otolaryngologist  
Walter Higgins, M.D., Otolaryngologist  
Richard F. Connolly, M.D., Ophthalmologist  
Julius C. Sozanski, M.D., Ophthalmologist  
Harry W. Parker, M.D., Proctologist  
Charles P. Vallis, M.D., Plastic Surgeon  
James M. Shannon, M.D., Thoracic Surgeon  
Leo P. Krall, M.D., Diabetes  
Joseph A. Doherty, D.D.S., Dental Surgeon  
Austin T. Williams, D.D.S., Dental Surgeon  
Howard J. Fleming, D.S.C., Chiropodist  
Rose G. Marciano, D.S.C., Chiropodist



TO HIS EXCELLENCY, THE GOVERNOR AND THE HONORABLE COUNCIL:

The Trustees of the Danvers State Hospital respectfully submit their report for the year ending June 30, 1959:

Regular monthly meetings have been held as usual.

The County Engineering Department removed a barrier across Putnam Lane, which was erected by the hospital years ago on the assumption that the surrounding land was State property and Putnam Lane was a private road. A May meeting of the County Commissioners ordered removal of the barrier, stating that it constituted an encroachment on a public highway.

On January 27, the Welfare Committee of the Legislature held a hearing concerning a law for closing off Putnam Lane at the hospital boundary. Dr. Hagopian and Mr. Joseph Perkins, Steward, attended the hearing and supported the bill. On February 18, a second hearing to allow opponents to be heard was held with Dr. Sullivan, Assistant Superintendent, and Mr. Perkins in attendance.

On April 8, the legislative committee on Public Welfare, together with the county officials, Danvers town officials and other interested parties, met at the hospital and viewed Putnam Lane. Mr. Roy K. Patch, Chairman of the Board of Trustees, was also present.

Mr. Daniel E. Ray terminated his services as hospital treasurer on July 18, 1958. Mr. Paul M. Moomjian, his replacement, reported for duty on July 14.

The Danvers State Hospital Auxiliary recently purchased twenty-six picnic tables and benches, which have been placed about the grounds.



2.

The first training program for Volunteer Nursing Aides started on October 14 and 15, and a second group started training in February, 1959. Staff members and nursing supervisors conducted the teaching program and about 24 volunteers completed the course and were awarded distinctive patches and pins. This is the first program of its kind offered in a Massachusetts mental hospital.

Approval was voted for the erection of a Catholic Chapel on the grounds at the hospital.

A seminar for clergymen of the district was conducted by Rev. Harold R. Beede, Protestant Chaplain, and was attended by over thirty ministers. Hospital doctors presented all but two lectures for the eight weekly sessions.

Twenty-one male and sixty-seven female attendants completed a course of instruction and the State examination for Licensed Practical Nurse and have been placed in advanced ratings under excess quota positions.

The Danvers State Hospital Auxiliary and the Volunteers are continuing their most valuable contributions to patients' welfare and we hereby acknowledge with thanks their many services.

We also wish to extend our sincere appreciation to the staff and hospital personnel for their faithful service to the Danvers State Hospital.

Respectfully submitted,

Roy K. Patch, Chairman  
Arthur P. O'Connor  
Elizabeth McNulty  
Dorothy Stevens  
James W. O'Donnell  
Roger E. Wells  
B. Frederick Yoffa

BOARD OF TRUSTEES



### MEDICAL AND PSYCHIATRIC SERVICE

Medical Staff. The Medical Staff quota was kept filled except for brief periods during the year. There were two resignations near the end of the fiscal year. Replacements are available for the coming fiscal year. There is also the possibility of filling a chief psychiatrist position in the coming fiscal year. There were no promotions during the year.

The Consulting Staff remained stable, with no new appointments or resignations. The consultants continued to give their high standard of treatment and excellent cooperation with the resident staff.

There has not been any noticeable increase in the incidence of acute physical illnesses, nor were there any epidemic type of illnesses. The medical building continues to be filled with capacity primarily because of the continued increase in the number of aged infirm.

A chest X-ray survey was conducted by the Department of Public Health during August of 1958. The findings were consistent with those of previous surveys. Several patients were transferred to Boston State Hospital for the treatment of active tuberculosis. The male T.B. cottage has had a capacity number of patients with inactive or questionable tuberculosis. The female T. B. cottage has been continued in use for the same purpose but is filled to only one-half of capacity.

There was again a slight rise in the number of deaths, with the majority of deaths occurring in the elderly. The rate of deaths to admissions is essentially the same.

There was a slight decrease in the number of major operations and an increase in the number of minor operations performed by the surgical service. At present the operating room personnel supply sterile goods to all other sections of the hospital.



The laboratory showed an increase in the number of tests performed during the year, even though the number and frequency of tests on individual patients receiving tranquilizing type drugs has been decreased. There again was a drop in the autopsy rate.

The female service has benefited from the use of the renovated B building in being able to better assign patients to proper wards. The toilet and other renovations being done at Middleton Colony necessitated the closing of one ward and this caused a small loss of space available for patients.

There has been an excellent increase in the number of patients with ground privileges. On the female service five wards (D1, D2, D3, C1, C2) are now open wards. On the male service H1 has become an open ward in addition to those previously open (G1, G2, G3, Grove Hall). At Middleton Colony there are approximately 30 female patients as well as 15 male patients with ground privileges.

A former tub room on the second floor of female hydrotherapy building has been remodeled as a visiting room. It is furnished in living room style. It is used for special night visiting hours for relatives and friends of recently admitted patients. It was opened on February 16, 1959, and has thus far seemed to be valuable. Plans are under way for a similar installation in the male hydrotherapy building.

The drop in the use of electro-convulsive treatment has been marked. On the female service 8 patients received a total of 81 individual treatments. On the male service 67 patients received approximately 800 individual treatments.

The intensive use of tranquilizing drugs has continued. There have not been any serious complications due to their use during the year. New tranquilizers are being introduced constantly and some of the more promising are being tried.

Among the so-called "psycho-chemicals" is a group classified as



psychic energizers which are of particular value in the treatment of depressed patients. Several of these are in use and are particularly valuable in treating depressed patients whose physical condition is a contra-indication to electro-convulsive therapy.

The use of the tranquilizers has brought about quieter wards, decreased destruction, increased recreational activities and an increase in ground privileges.

Both group psychotherapy and individual psychotherapy have been used on a limited basis. The "Alcoholics Anonymous" program has continued with well attended weekly meetings. This is especially important with the increased number of admissions for alcoholism.

The out-patient department has again conducted their Child Guidance Clinics in Salem and Lynn. The Adult Mental Hygiene Clinic at the hospital has been very active with referrals from the community as well as follow-up work on discharged patients.

An excellent staff training program was conducted under the sponsorship of the Massachusetts Training Faculty in Psychiatry. A copy of the program is incorporated in this report:

Nov. 17, 1958	Schizophrenia	Dr. Elvin Semrad, Director of Psychiatry, Mass. Mental Health Center
Nov. 25, 1958	Depression	Dr. John Mackenzie, Asst. Supt. Boston State Hospital
Dec. 1, 1958	Geriatric Disorders	Dr. Ruth Ehrenberg, Director, Div. of Geriatrics, Dept. of Mental Health
Dec. 8, 1958	Psychoneuroses	Dr. Justin Hope, Chief, Psychiatric Service New England Center Hospital
Jan. 5, 1959	Alcoholism	Mr. Harold Demone, Commissioner on Alcoholism, Comm. of Massachusetts
Jan. 12, 1959	Psychosomatic Disorders	Dr. Erich Lindemann, Chief of Psychiatric Service, Mass. General Hospital



Jan. 19, 1959	Psychiatry in the General Hospital	Dr. George Carter, Asst. Professor Psychiatry, Boston University School of Medicine
Jan. 26, 1959	Child Psychiatry	Dr. George Gardner, Director, Judge Baker Guidance Center, Psychiatrist-in-Chief Children's Medical Center
Feb. 2, 1959	Personality Disorders	Dr. Alfred Stanton, Psychiatrist-in-Chief McLean Hospital
Feb. 16, 1959	Psychotherapy	Dr. James Dykens, Asst. Commissioner Department of Mental Health
Feb. 19, 1959	Group Psychotherapy	Dr. James Mann, Director of Psychiatry Boston State Hospital

Members of the professional nursing staff and student nurses were in attendance as well as the physicians.

During the winter the Chaplains Seminar under the direction of Rev. Harold Beede was conducted over a ten week period. Attendance was again excellent. Among the lecturers were Dr. Hagopian, Dr. Sullivan, and Dr. Kruse.

The course in Pastoral Training conducted in the summer of 1958 was very successful and all seven student ministers completed the course. This course is being conducted again beginning in June, 1959, with an attendance of 11 student ministers. Lectures have been given by the staff physicians. Rev. Harold Pillsbury is assisting Rev. Beede this year.

Many talks have been given to community groups. Dr. Hagopian spoke to the Lynnfield Women's Club. Dr. Sullivan, with Rev. Beede, conducted a Seminar at the Pastoral Counseling Workshop at the First Methodist Church in Lynn. He also spoke to the St. John Vianney Holy Name Society of Point of Pines, Revere. Dr. Alexander spoke to the Center School P.T.A., Peabody, and the Haverhill Lions.

Many groups of students from schools and colleges visited the hospital. Talks by staff members were given to some of these groups. Most of these schools and colleges send groups each year.

Dr. Hagopian was a participant in the New England States Governor's Conference on Mental Health, held in Swampscott.

Staff members lectured at both the Volunteer Institute and the Volunteer Nursing Aide Training course, as well as the usual lectures given to the affiliate student nurses.



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SUPERINTENDENT'S REPORT

To the Board of Trustees of the Danvers State Hospital:

The eighty-second annual report of the Superintendent for the fiscal year ending June 30, 1959, is respectfully submitted:

The clinical reports and statistics relating to patients are for the period including June 30, 1959:

Movement of Population

The hospital year opened July 1, 1958 with 2,369 patients in the hospital, 309 on visit, 2 absent without authority, 3 on escape, and 13 in family care, making a total of 2,696. The year ended June 30, 1959, with 2,335 patients in the hospital, 252 on visit, 2 absent without authority, 4 on escape, and 11 in family care, making a total of 2,604.

The number of admissions during the year was: 1,224 total; 697 male, 527 female, an increase of 63 as compared with the preceding year.

There were 153 voluntary patients admitted during the year; 13 patients were transferred from other institutions; 810 patients were admitted on temporary care papers (Sec. 79); 187 on temporary care papers (Sec. 80); and 31 on 40-day observation papers. In addition to the above, 373 patients were changed to voluntary status during the year.

First Admissions

There were 828 patients admitted to this or any hospital for the first time, which is 8 more than the preceding year.

Daily Population

The total average population for the year ending June 30, 1959 was 2,342, a decrease of 47 as compared with the preceding year. There were 3,920 patients treated during the year.



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During the year, 342 patients died in this institution, which is 20 more than the preceding year.

#### Dismissals

There were 950 patients discharged from this institution during the past year: 527 men and 423 women. Classified as to their condition on discharge: 84 recovered, 430 improved, 124 unimproved, and 312 without psychosis.

On June 30, 1959, there were 252 patients on trial visit, which is 57 less than the preceding year.

Since the organization of the hospital, 54,851 patients have been admitted and 52,516 have been discharged.

#### MEDICAL ADMINISTRATION

During the fiscal year ending June 30, 1959, the following changes occurred on the medical staff:

##### Appointments

##### Staff Psychiatrist

Dr. Angelito C. Capistrano	July 1, 1958
Dr. James A. Rourke	September 8, 1958
Dr. Abdulaziz G. Khakee	September 18, 1958
Dr. Mathilde G. Hoermann	January 20, 1959

##### Senior Psychiatrist

Dr. Aristotle Nicolaidis	January 1, 1959
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##### Resignations

Dr. Demetrios J. Tsinopoulos, Staff Psychiatrist,	September 27, 1958
Dr. Jose Carlos Aguiar, Staff Psychiatrist,	November 22, 1958
Dr. Harry F. Darling, Assistant Physician,	May 4, 1959
Dr. James A. Rourke, Staff Psychiatrist,	June 20, 1959



SURGICAL DEPARTMENT

During the year, there were 59 major operations and 166 minor operations performed, total 225. There were 1,631 i.v. bloods taken for the laboratory.

X-RAY DEPARTMENT

There were 1,926 patients x-rayed during the year, and 285 patients who had EKG performed, a total of 2,211 patients.

PHYSIOTHERAPY DEPARTMENT

Number of treatments: Infra-red, 852; sinetron, 214; diathermy, 346; whirlpool, 278; massage, 913; exercise, 1,216; ultra-violet, 34; total, 3,853. Total number of patients, 1,313.

HYDROTHERAPY DEPARTMENT

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Number of treatments	1166	1162	2328
Number of patients	118	119	237
Number of new patients	57	79	136

DENTAL DEPARTMENT

Cleanings: 1,316; fillings, 956; extractions, 928; oral treatments, 8,382; dentures adjusted, 641; dentures repaired, 61; dentures relined, 47; new dentures completed, 51; dentures marked for identification, 647; new patients examined, 1,126; other examinations, 4,097; consultations, 40; ward visits, 1,657; toothbrush drills, 22; dental x-rays taken, 1,712; total number of sittings: 21,683.

In July, Dr. Baxter, dentist, was on vacation for one week.

In August, survey on wards A-1, A-2, A-3; B-1, B-2, B-3; C-1, C-2, C-3; D-2, D-3.

August 11, 1958 - Multiple extractions under general anesthesia, by Dr. Doherty and Dr. Lafortune, on one male and two female patients.



September 30, 1958 - Consultation with Dr. Doherty regarding two female patients. Dental survey on wards J-1, J-2, J-3; I-1, I-2, I-3; H-1, H-2, H-3.

October 7, 1958 - Attended Dental Meeting at the Medfield State Hospital.

October 10, 1958 - Incised and drained abscess and curetted upper left molar area socket, and packed under general anesthesia, by Dr. Doherty.

October 24, 1958 - Consultation with Dr. Doherty on female patient.

December 12, 1958 - Dental surgery by Dr. Doherty and Dr. Lafortune, under general anesthesia, two female patients.

December 16, 1958 - Dental surgery, under general anesthesia, one female and two male patients.

March 30, 1959 - Dental surgery under general anesthesia for multiple extractions on a male and female patient.

April 14, 1959 - attended Dental Meeting in Boston.

May 6, 1959 - attended Dental Convention in Boston

May 21, 1959 - Consultation with Dr. Doherty on three female and one male patient.

June 9, 1959 - Multiple extractions, under general anesthesia, by Dr. Doherty and Dr. Lafortune, on one female and two male patients.

June 17, 1959 - Multiple extractions, under general anesthesia, by Dr. Doherty and Dr. Lafortune on two female patients.



PATHOLOGY DEPARTMENT

The Clinical Laboratory, under a constant, full load of work, completed a total of 21,785 tests, nearly 1000 more than in the preceding fiscal year. The clinical tests, if on a charge basis, at average New England hospital rates, represent \$27,460.00 in value. It has been possible to add a Simplified Total Cholesterol, Acid Phosphatase, Serum Globulin, and Diagnex Blue Test procedures this year, as well as to enlarge the blood screening for Rh antibodies in transfusion cases.

On October 1, 1958, the new forms for reporting laboratory tests were put into use and have proven time-saving for the record room and ward charting, as well as for the Laboratory.

Our faithful Senior Volunteer, Mrs. Ballou, has given us time each week except when she could not arrange transportation and we have enjoyed and greatly profited by the help of a Junior Volunteer, Miss Beth Sullivan, last summer, and Miss Patty Sullivan of Lynn this year. The young Volunteers alone have given us 144 hours within this period.

The entire older resident group have received a blood count and urine examination this year and such follow-up work as these reports indicated. Several new diabetics, severe anemia, urinary infections and one Lymphatic leukemia were pointed up.

The Pathological Laboratory has been active although there were fewer surgical tissues (46) and autopsies (34) this year. The autopsy percentage decreased 3.7%. 761 tissues were processed and examined.



Special staining of some brain tissues, to reveal pathology not shown by the routine staining, was also performed. Thirty working days of technician time was given to this laboratory.

The Laboratory Department wishes to express its appreciation to Administration and all other departments who have helped us to carry on our work.



BACTERIOLOGY:

Antibiotic Sensitivity	23
Cultures: Blood	2
Pleural Fluid	1
Stool	1
Throat	1
Urine	1
For Tubercle Bacillus	1
Miscellaneous	7
Routine	27
Smears: For Acid-Fast Bacillus	12
Gram Stain	4
Trichomonas	1

BLOOD CHEMISTRY:

Acetone	109
Amylase	1
Bilirubin	12
Bromide	1
Bromsulphthalein	2
Cephalin Flocculation	21
Chlorides	6
CO <sub>2</sub> Combining Power	2
Cholesterol Total	5
Diagdex Blue Test	1
Globulin	2
Icteric Index	32
Non-Protein-Nitrogen	54
Phosphatase - Acid	5
Phosphatase - Alkaline	13
Potassium	5
Protein-Bound Iodine	2
Total Iodine	2
Prothrombin Time	2
Sodium	5
Sugar	166
Thymol Turbidity	3
Total Protein	7
Albumen	6
Globulin	1
A/G Ratio	6

BLOOD TYPING:

Grouping	455
Rho Factor	276
Crossmatching	126

GASTRIC CONTENTS

Free HCL	5
Total Acidity	4

HEMATOLOGY:

Hemoglobin	3398
Hematocrits	3413
White Blood Cells	5481
Differentials	3275
Bleeding Time	8
Clotting Time	8
Prothrombin Time	8
Reticulocytic Count	9
Sedimentation Rate	19

SEROLOGY:

Hintons: Blood	1119
Spinal Fluid	15
Heterophile Antibodies	1

SPINAL FLUID:

Cell Count	20
Colloidal Gold	16
Globulin	18
Protein	19
Sugar	1
Gross Examination	1

SPUTUM:

For Acid-Fast Bacilli	5
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STOOLS:

Occult Blood	73
Ova-Parasites	1

URINALYSIS:

Routine	3228
Albumen Quantitative	213
Bence-Jones Protein	1
Bilirubin	2
Bile	3
Urobilinogen	4
Special Tests - Medication	8
Total Tests	21785

PATHOLOGY LABORATORY REPORT

Deaths	342
Autopsies	34
Autopsy Percentage	9.94%
Surgical Tissue Examination	46
Frozen Section Diagnosis	2
Histological Tissues Processed	761
Technician Time in Pathology	30 working days



STEWARDS DEPARTMENT

This institution has had no large construction projects in progress during this fiscal year. There have been, however, two large renovation projects under the supervision of the Division of Building Construction. Most of the toilets and bathing facilities at the Middleton Colony have been modernized and, or, replaced by bright, new, sanitary fixtures and surroundings, which will greatly increase the comfort and good health of the patients in that area. Our Main Power Plant has had a major project of renewal and replacement to maintain the efficiency and safety of that plant.

We were fortunate in being able to effect transfer of surplus funds in our personnel account to other accounts which were short of funds. Our Food account needed a small amount in order to maintain our dietary standard. Our Medical account required a substantial addition in order to keep up with our expanding medical, surgical and drug program.

We were dependent on transfer of funds also to enable us to procure all the equipment approved previously, as well as our contractual repair projects.

Our reconstructed main avenue, which is enjoyed by all who drive up to our main buildings, was accomplished by the Public Works Department with funds especially allocated for that purpose.

Maintenance contracts projects, five in number, have been accomplished with the funds made available late in the year. One Middleton Colony Power Plant boiler has been retubed. Oil burning heating boilers have



been installed in two of our staff cottages to replace old, obsolete, and hazardous coal fired boilers. Several of our old elevators have been equipped with safety gates. The public toilets in our Administration building have been renovated. These are now clean, modern, and sanitary, and present a much better appearance. Most of the windows at our Middleton Colony are being rehung and weatherstripped to make them safer and easier to use and more effective in protecting against the weather.

Our Garage has been carried on routinely. Necessary trips and errands have increased somewhat, as well as uses for our bus and driver to take patients on a variety of outings. No new vehicles were procured this year although we have a station wagon and two farm trucks in rather deplorable condition.

The Laundry and Housekeeping Department has satisfactorily fulfilled its task as regards linen and clothing supply distribution and cleaning. We have been fortunate in having funds available for several new pieces of machinery in our washroom. We have a large and modern combination washer-extractor and three new high speed driers. These will greatly increase the efficiency and capacity of this department.

Our main kitchen has taken care of the dietary needs of the hospital without much change in personnel or equipment. We have an average of 120 special diets daily, the majority of these being for diabetics; others are salt-free, fat-free, and bland diets.

The Middleton Colony cafeteria has received a new and modern cl



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counter and steam table along with a completely redone and refurnished dishwashing room. These will greatly enhance the appearance, the efficiency, and the sanitation of this area.

The Canning department has been mechanized by several excellent items, some through purchase, and some by transfer from other institutions. We have a heavy duty potato and carrot dicer, a washer, and blancher, a large automatic retort cooker, and a can sealer.

We have some new tables and chairs for the patients' cafeteria.

The Ward Services have been the recipients of some new gatch beds and sides, as well as several small pieces of equipment, including walkers, oxygen analyzer, conduction tester, and furniture.

Some of the problems of increasing work load in our Treasurer's and Steward's offices have been alleviated with our acquisition of a Burroughs Accounting Machine, which has been in use about one-half of this fiscal year. We expect the benefits from this machine will continue to increase.

We have endeavored in our management of the funds provided, to procure, in both goods and services, those items which would most benefit the institution as a whole in continuing care and treatment of our patients.

# SCHOOL OF AFFILIATE NURSING

## Personnel - June 30, 1959

Director, School of Nursing	1
Assistant Director, School of Nursing	2
Nursing Instructors	2
Chief Hospital Supervisor	1
Supervisors - day	9
Supervisors - night	2
Hydrotherapists	3
Head Nurses	39

## Affiliates for the year ending June 30, 1959

Lawrence General Hospital	22
Leominster Hospital	9
Lowell General Hospital	20
New England Baptist Hospital	20
Salem Hospital	12
St. Joseph's Hospital	19
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## APPOINTMENTS - HEAD NURSES

Anne Lancaster, R.N., graduate of Catherine Laboure' School of Nursing, Dorchester, Massachusetts, July 7, 1958.

Jeanne Hart, R.N., graduate of Chelsea Memorial Hospital, Chelsea, Massachusetts, July 25, 1958.

Lorraine Niciewsky, R.N., graduate of Beverly Hospital, Beverly, Massachusetts, August 4, 1958.

Helen V. Milner, R.N., graduate of Lynn Hospital, Lynn, Massachusetts, September 14, 1958.

Ruth G. Russell, R.N., graduate of Yale University School of Nursing, New Haven, Connecticut, September 15, 1958.

Barbara Lynch, R.N., graduate of Lawrence General Hospital School of Nursing, Lawrence, Massachusetts, September 16, 1958.

Gunvor L. Oakes, R.N., graduate of Massachusetts General Hospital, Boston, Massachusetts, October 23, 1958.

Alverna Zukas, R.N., graduate of Lawrence General Hospital, Lawrence, Massachusetts, February 16, 1959.

Florence Fox, R.N., graduate of New England Baptist Hospital, Boston, Massachusetts, April 15, 1959.

Eleanor Pechillis, R.N., graduate of Massachusetts General Hospital, Boston, Massachusetts, April 26, 1959.



## PROMOTION

Dorothy Burke, R.N., Head Nurse to Supervisor, February 1, 1959.  
Transfer from male service, graduate of Danvers State Hospital,  
Hathorne, Massachusetts, Class of 1936.

## NURSING INSTRUCTOR - NEW POSITION

Eleanor Flood, R.N., B.S.N. Ed., graduate of Carney Hospital,  
Dorchester, Massachusetts, October 20, 1958.

## RESIGNATIONS - HEAD NURSES

Wilma Conrad, R.N.	July 4, 1958
Irene M. O'Brien, R.N.	July 14, 1958
Eleanor McGee, R.N.	Sept. 4, 1958
Frances Ouellette, R.N.	Jan. 3, 1959
Jacqueline Witwicki, R.N.	Jan. 17, 1959
Barbara Lynch, R.N.	Feb. 27, 1959
Mary Cote, R.N.	March 21, 1959
Mary A. Marocco, R.N.	April 3, 1959
Barbara Forti, R.N.	April 21, 1959
Florence Fox, R.N.	May 23, 1959
Jeanne Hart, R.N.	May 24, 1959
Eleanor Pechillis, R.N.	June 6, 1959

## DEATH

Ruth Greaney, R.N., Supervisor, Medical Building,  
December 28, 1958.

## TRANSFER

Gloria Archambault, R.N., to male ward service, September 12,  
1958.

## RETIRED

Nellie Foley, R.N., Head Nurse, October 1, 1958.

The Director of Nurses attended all meetings of the  
Directors held each month at the various hospitals and schools.

Lydia Marion Heath, R.N., B.S., graduate of McLean Hospital,  
Waverley, Massachusetts, is substituting for Miss M. Jean Estey,  
who is absent due to illness.

The Director and one Assistant Director, Miss Ruth Flynn, R.N.,  
attended an all-day meeting of the National League of Nurses  
Accrediting Committee at St. Joseph's Hospital, Lowell,  
Massachusetts.

Miss Flynn attended an all-day meeting of the N.L. of  
Nurses Accrediting Committee at Lowell General Hospital, Lowell,  
Massachusetts.



Attendant Nurses were given refresher courses and received Licensed Practical Nurses' registration as follows:

Female service	69
Male service	34
Middleton Colony	8
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A reception tea was held in their honor, February 19, 1959, in the hospital cafeteria. Pins and caps were presented to them at this time.

Attendant Nurses attending classes at present and planning to take examination:

Female service	48
Male service	21
Middleton Colony	22
	<u>91</u>

#### SOCIAL SERVICE DEPARTMENT

During the fiscal year ending June 30, 1959, there were 1,064 histories taken; of these, 526 male histories were taken in the hospital, and 464 female histories. Fifty male histories were taken in the community, and 24 female histories. Twenty-two investigations were made for diagnosis and two investigations of home conditions.

Placement. Family Care: New homes investigated, 1; number of patients placed, 9; supervision visits, 149; patients returned to the hospital, 2; patients discharged from family care, 6.

Job Placement. Number of job possibilities investigated, 13; number of patients placed, 16; supervision visits or telephone interviews, 131.

Nursing and Boarding Homes. Number investigated, 4; number of patients placed, 6; number of supervision visits, 42.



Public Welfare. Disability Assistance, patients placed, 2; general relief, 3; Division of the Blind, 1; supervision visits, 10.

Adult Mental Hygiene Clinic. 12 male histories and 12 female histories were taken.

Child Guidance Clinics. Salem, 44 histories were taken, 30 boys and 14 girls. There were 36 clinics held; 65 children were seen at clinic, with a total number of visits, 99. Lynn, histories of 33 boys and 12 girls were taken. There were 38 clinics, 66 children were seen at clinic and 99 clinic visits.

Miscellaneous. There were 42 cases referred for burial arrangements, 17 for location of relatives, 129 for personal services. Twenty-seven abstracts were sent to other social agencies. Five operative permits were obtained from relatives. Interviews with patients, 419; interviews with relatives, 1,238; interviews with others, 898. There were 224 conferences with members of the hospital staff and 79 with other professional people.

This year has seen active working relationship with the the Commission on Rehabilitation in re-training patients for occupational skills leading to employment and self-support. There are now two screening committees at the hospital, one for male patients, the other for female patients, headed by the senior psychiatrist of the respective services. Other hospital members of the screening committees are the head occupational therapist, industrial therapist, a supervisor, and representatives of Social Service Department. Mr. Julien Seibert, a former member of our department, but now a Rehabilitation



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Counselor, is also a member of both screening teams.

Mr. John Levis, now in the Central Office of the Rehabilitation Commission, has been helpful and available for counseling.

The screening committees consider the names of patients proposed for rehabilitation services, whether for classes set up at the hospital, for further schooling outside, on the job training, or job placement. If the committee approves, social service and the psychiatrist make the formal referral to Rehabilitation.

Rehabilitation set up a typing class at the hospital for patients who had had some high school training, with or without previous typing experience, with a view to developing skills for a job placement. Rehabilitation supplied the teacher, the typing machines and other equipment. The class met five afternoons a week and 12 patients received training in this class while still patients here at the hospital. Rehabilitation made it possible for five patients to go to the Salem Commercial School for additional courses, and one patient was sent by Rehabilitation to Miss Farmer's Cooking School in Boston. The patient completed the course and graduated. Three patients were taken to Salem for general aptitude tests given by the Division of Employment Security.

In January, Rehabilitation sponsored a homemaking class for the benefit of patients who are housewives and who need help in organizing their homes to better advantage. Miss Katherine Lawlor and Miss Marilyn Davis from Essex Agricultural School were the teachers and came to the hospital once a week, meeting in various settings. In the spring, they invited the class to meet at the homemaking cottage at the Essex



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Agricultural School. Twenty patients in all participated in this course. Accompanied by the Industrial Therapist, the hospital bus has been taking these patients to the Essex Agricultural School once a week. We have assurance that this course will continue in the fall.

The Rehabilitation Counselor visits the hospital weekly, interviewing patients who have been referred for Rehabilitation services, conferring with members of the Social Service Department and other hospital personnel, and reporting on the progress of patients already under their supervision.

Two male patients were placed in on-the-job training, commuting from the hospital to Lynn and Salem. These arrangements were complicated by the long bus strike. Homes are very much needed for these patients who are ready to take the first step away from the hospital. To be sure, they need to learn occupational skills made possible through services of Rehabilitation, but they also need help in learning how to get along with people and to live again in the community.

A project now under consideration is the use of hospital industries for pre-vocational placement of patients, with the farm possibly the first department to participate in this arrangement.

The head social worker participated in a workshop of the North Shore Mental Health Association.

The usual lectures were given to the student nurses and in June a lecture was given to the theological interns.

Mrs. Houlberg and Mrs. Darling gave lectures to the Lynn Hospital social service department.



The head social worker is a member of two committees proposing studies (1) of placement of patients in other than their own homes, namely, family care, nursing and boarding homes, and wage homes; (2) pertaining to the recruitment and retaining of professional personnel.

#### OUT-PATIENT DEPARTMENT

During this year, Adult Mental Hygiene Clinics were again held at this hospital. The Child Guidance Clinics continued to be held at the Lydia Pinkham Memorial Building in Salem on Monday mornings and at the Boys' Club Building in Lynn on Tuesday mornings. Mrs. Houlberg, social worker, and Mrs. DiCanio, psychologist, were present at the Salem clinic, whereas Mrs. Darling, social worker, and Mr. Mogel, psychologist, participated in the Lynn clinic. When indicated and requested, the psychology department performed psychometric and psychological examinations for the adult clinic.

The number of patients treated at the adult mental hygiene clinic was 67, of whom 37 were men and 30 were women. In all, there were 202 clinic visits. A few of the clinic appointments were cancelled because of a bus strike, which caused difficulty for several of the patients to come to the hospital. There were 15 cases that were again seen from the previous year. Nineteen patients were referred to the clinic from the visit staff conference of the hospital, following their discharge or placement on indefinite visit status. Thirteen patients made application directly to the clinic for treatment. Seven cases were studied and observed at the request of probation officers. Other sources of referral included physicians, relatives, Public Welfare Departments, ministers, Family Service Agency, Veterans' Service Agency, and social service workers of general hospitals in the community. One case was



periodically observed during her indefinite visit from another State hospital. There were 30 patients diagnosed as Schizophrenia, of whom 6 were of the paranoid type, 6 of the chronic undifferentiated type, and 2 schizo-affective. Sixteen patients were classified as Psychoneurosis. Six patients were considered to be emotionally disturbed due to an adjustment reaction of adolescence. Other diagnoses established were dyssocial reaction, emotionally unstable personality, involuntional psychosis, depressed type; personality disorder due to alcoholism, manic depressive psychosis, depressed type, chronic brain syndrome with convulsive disorder, mental deficiency, and pre-senile brain disease. Five cases were seen at the clinic only once for evaluation as to their mental condition. Hospitalization was recommended for 10 patients studied. Seven patients were referred for vocational rehabilitation. Seventeen patients were on medication, most of whom had been started with drugs while hospitalized. There were 39 patients who had been at sometime or other in a mental hospital. Twenty-two cases were still considered to be active at the end of the clinic year.

The child guidance clinics started on September 22, 1958, and went through until June 23, 1959. There were 65 patients seen in Salem, and 57 in Lynn. There were a total of 194 clinic visits in all. There were 64 children at the clinic once, 46 seen twice, 11 seen three times, and one was seen on five occasions. There were 85 new cases studied. As in the two previous years, there were three times as many boys as girls that were observed. The youngest child who came to the clinic was 2 years, 8 months old. The predominant diagnoses were those of neurotic traits, conduct disturbance, and habit disturbance. There were 18 cases classified as adjustment reaction of adolescence. Psychometric examinations



revealed that three patients showed near genius or genius level of intelligence, and 10 were very superior. Eight children were found to be definitely mentally deficient, nine others were borderline intelligence. The chief problems that caused the patient to come to the clinic were: poor school adjustment, undesirable personality traits, disobedience or disrespect for authority, lying, poor social relationships, unsatisfactory school work, poor parent-child relationships, stealing, nocturnal enuresis, and sibling rivalry. Immaturity was noted in many of the cases. There were 6 children who definitely presented reading disabilities. Four patients showed abnormal fire-setting tendencies. Truancy problems were noted in 6 patients. Several children were handicapped because of visual impairment and poor physical health. One child was observed suffering from a condition known as pica, in which an abnormal appetite was present. In 45 cases, mothers referred their children to the clinic. Twenty-one patients were studied and treated upon the referral of School Adjustment Counselors. There were 11 cases who came to the clinic upon the advice of their physicians. Various agencies in the community were also sources of referral. Policewomen referred three children to the clinic. Because of four State holidays falling on Mondays or Tuesdays, it was necessary to cancel four clinics in the course of the year.

At the request of the Department of Mental Health, three Section 99 cases were seen at the Lawrence House of Correction and two at the Salem House of Correction.



Ten lectures were given to student nurses. Lectures were also given to the Haverhill Lions Club, the P.T.A. of the Center School in Peabody, to two groups of ministers, and to some visiting Gloucester students.

## REPORT OF VOLUNTEER SERVICE

The volunteer program at this hospital is continuing its outstanding service and is making a significant contribution to patient welfare.

The second class of Volunteer Nursing Aides was graduated in November, 1958, and eighteen volunteers were awarded the pins and patches.

The new kitchen unit was completed in February and is very much appreciated by the patients, who prepare and serve a home-cooked meal to each other, supervised by two volunteers.

A night visiting room was opened for new female patients and is staffed by volunteers. It is proving a most welcome convenience for the relatives and patients.

The individual volunteers and the monthly groups working in the hospital have given 21,369 hours of service and many hundreds of hours additional service have been contributed by outside groups who work in the various church programs on sewing, Christmas wrapping and related projects.

Donations of clothing, cosmetics, candy and magazines are coming in regularly in increasing quantities.

The monthly meetings of the volunteer committee have been held this year and have resulted in increased efficiency in the use of volunteers and a corresponding growth in the usefulness of this program.



## OCCUPATIONAL THERAPY DEPARTMENT

The following is the report of the Occupational Therapy Department for the year ending June 30, 1959:

### I. PERSONNEL:

The department consists of 2 registered Occupational Therapists, 2 graduate Occupational Therapists, 1 Certified Occupational Therapy Assistant, 3 Occupational Therapy Assistants, and 1 secretary. There have been no personnel changes during the year.

### II. TRAINING AND INSTRUCTION:

1 Occupational Therapy Assistant received accreditation after successfully completing a 1 month course of instruction in Occupational Therapy. This course was conducted at Westboro State Hospital and was approved by the State Supervisor of Occupational Therapy and the Department of Mental Health.

2 Occupational Therapy Assistants attended a 2 day Occupational Therapy Recreational Workshop at Westboro State Hospital. This proved very beneficial and added much to the patients' recreational program at our own institution.

Monthly meetings of the State Head Occupational Therapists were attended to discuss better ways of improving unity and cooperation between departments and to maintain a high level of progress in the Occupational Therapy program.

Weekly departmental meetings were held to discuss patient treatment and any problems arising within the department.

Groups of affiliate nurses received lectures on the principles and practices of Occupational Therapy. Each student received 1 week of practical training in the Occupational Therapy shop in addition to



assisting at social and recreational functions.

Seminary students were given a lecture and were toured through the Occupational Therapy areas and industries. As a part of their training they assisted in recreational and social activities.

To stimulate a growing interest in the care and treatment of the mentally ill, lectures in Occupational Therapy were given to outside organizations such as church groups, social groups and college students.

### III. TREATMENT PROGRAM

There were 750 female and 438 male patients treated in the Occupational Therapy pre-industrial, ward and recreational classes. In addition, 403 male and 362 female patients were placed in hospital industry as part of their treatment. This makes a total of 1953 patients treated in Occupational Therapy for the year.

Prescription cards, attendance sheets and evaluation charts were kept on file for observation of patients' progress.

#### FEMALE SERVICE

Morning and afternoon classes were held in the Occupational Therapy shop for groups of acute and pre-industrial patients. Such projects as ceramics, leather, copper, needlework, typing, and art work were used as treatment media.

A new treatment group media for socialization was instituted in prescription from the senior psychiatrist. This project was designed to include the entire ward group, and from this evolved a rhythm band for which the patients constructed their own instruments. This served a two-fold purpose, in that it is now being used on wards with the more regressed patients as well as with the original group.



Daily classes in clothing construction were carried on at the Occupational Therapy shop for the purpose of stimulating patients in personal grooming, constructing new clothing and remodelling old clothing. These classes were especially helpful to those patients who were preparing to leave the hospital through Family Care or who were going out under the Rehabilitation Program.

#### MALE SERVICE:

Classes were held at the Occupational Therapy shop for pre-industrial patients in order to determine their abilities, aptitudes and interest. Woodworking, leather work, metal work, and painting were some of the various crafts used in treatment.

Newly admitted patients attended classes in the J-2 Annex shop where a variety of projects was available for patients unable to leave the ward.

#### IV. RECREATION:

During the summer months recreational classes were held on the front lawn. Softball practice resulted in the acceptance of our team into the Inter-state Hospital Softball League, with games being played both at our hospital and at other institutions. The competition and interest which this activity created, proved to be a valuable therapeutic aid.

Weekly group dancing classes were conducted every Tuesday morning in the auditorium with approximately 300 patients attending.

When the weather made it impossible to conduct outside activities, groups of male patients participated in volley-ball, horseshoes, ping-pong, etc., in the Hydro building.



## V. INDUSTRIAL PLACEMENT

Through daily referrals from and weekly ward rounds with the physician, patients were placed in the hospital industry which most suited their needs and interests.

## VI. OCCUPATIONAL THERAPY AND REHABILITATION:

Under the direction of the Rehabilitation Commission a newly organized rehabilitation was formed to serve the patients of our hospital. A screening committee, including a Rehabilitation agent, a senior physician, head social worker, and one of her department, head occupational therapist and occupational therapist in charge of industrial placements, and a supervisor, was set up to select patients for the typing class which started in October. A teacher was secured from the Salem Commercial School, and was assisted by an Occupational Therapist in this class of 7 patients until she became familiar with the hospital routine. This course enabled patients to "brush-up" on the art of typing or to learn the basic fundamentals so that further instruction at a commercial school or employment as a typist could be obtained through the Rehabilitation Commission.

In February a Homemaking class under the same program was instituted at the Essex Agricultural School. 12 patients, accompanied by an occupational therapist who made many observations, met at the school one morning a week to receive instruction from one of the county extension teachers. Many of the newer products, appliances and methods of homemaking were introduced and discussed, thereby enabling the members of this group to adjust more easily to society when they leave the hospital.



## VII. HOSPITAL NEWSPAPER:

"Hill Topics", the monthly hospital newspaper, being mainly a patient project, was used as a treatment media. The patients designed and colored the covers, did the typing and stencilling and helped to assemble this 10 to 13 page leaflet. Patients were encouraged to participate whenever possible.

## VIII. BIBLIOTHERAPY:

The Patients' Library was open daily for those who wished to read in a quiet and relaxing atmosphere. Many patients visited this area daily to read current newspapers and magazines. The library was supervised by a patient under the guidance of an occupational therapist.

## IX. VOLUNTEERS IN THE OCCUPATIONAL THERAPY PROGRAM:

Ten volunteers assisted in Occupational Therapy areas during the year. Their able assistance in classes at the Occupational Therapy shop, decorating and manning booths at the carnivals and helping to make costumes for the talent show proved very valuable to the patients and to the department.

## X. SPECIAL RECREATIONAL FUNCTIONS:

1. Dances, for which music was provided by an outside orchestra, were held every Wednesday evening in the Auditorium for all patients who wished to attend. The Spring Dance and the New Year's Dance were formal occasions held in the cafeteria which was appropriately decorated according to the theme. Special prize dances were conducted, favors were distributed and refreshments were served.



2. Series of concerts by an outside orchestra were conducted in the Auditorium and on the lawns.

3. The annual Fourth of July Carnival was held on the lawn, with special entertainment being provided by outside talent. Patients participated in field events which followed the game booths at which prizes and refreshments were given out. A softball game between patients and employees was played during the afternoon.

4. In the spring a Talent Show, under the direction of the Occupational Therapy Department and the Program Committee of the Auxiliary, presented approximately 30 acts of patient talent. The costumes for this event were constructed under the guidance of the department. This endeavor afforded an opportunity for all those patients who were musically or dramatically inclined to display their talents. At a later date all patients who had assisted in this activity attended a party at the Occupational Therapy shop and were served a supper provided by members of the Auxiliary and the Occupational Therapy Department. Following this, a social evening was enjoyed by all.

5. The Annual two day Spring Carnival was held in the Auditorium during the month of April and was called "Jungle Jamboree". The stage was decorated to represent a jungle water hole, and the 16 booths were in keeping with the jungle theme. Prizes were won by those who took part in the games of chance, and hot dogs, popcorn and tonic were distributed to all who visited the carnival. Many patients helped with the making of decorations and assisted with the games.



6. During September 550 patients attended the Topsfield Fair, for which each was allowed \$.50 to spend as he wished. Lunches were provided by the kitchen.

7. Because of the larger bus, more patients were able to enjoy the weekly picnics to Stage Fort Park and the Middlesex Zoo which were conducted during the summer and fall. At Christmas time 4 trips were made to see the lights and decorations in nearby cities and towns.

8. At the picnics held on the grounds and at the State Parks, refreshments of hot dogs, hamburgers, tonic, chips, popcorn and ice cream were served, and recreational activity was planned and supervised by the Occupational Therapy Department.

9. Every week a group of both male and female patients were taken to a local bowling alley, where the teams competed against each other for the highest score. This competitive sport afforded both enjoyment and therapy for the patients.

10. During the Christmas season the Occupational Therapy Department assisted with the ward Christmas parties and conducted a chorus of patients who sang carols throughout the hospital. Decorations were planned, purchased and distributed to the wards by the department, and with the help of as many patients as possible, the hospital was attractively decorated to reflect the holiday spirit.

11. The Catholic Guild for the Blind sponsored parties for those in the institution who are partially or totally blind. Excellent refreshments were served, and music was provided by 2 talented entertainers. This activity was ar-



ranged through the Occupational Therapy Department and was attended by a therapist.

12. During the year variety shows and special entertainments were presented by various outside groups for the enjoyment of all patients who could attend.

### PSYCHOLOGY DEPARTMENT

Personnel: Mr. Azad Maranjian continued to serve as Psychologist and head of the Psychology Department. Mr. Edward P. Coyne and Miss Patricia Hammons resigned during the year from their positions as Psychologist and Assistant Psychologist, respectively. Mr. Coyne left to accept a position with the Judge Baker Child Guidance Center and Miss Hammons to be with her parents in South America. Upon Mr. Coyne's resignation, the position of Psychologist (temporary) was reduced to Assistant Psychologist again. We were, however, fortunate in being able to fill both vacancies after a brief interval. The two Assistant Psychologist positions were filled by Mr. Ernest Mogel and Mrs. Margaret DiCanio, who have been with the department most of the fiscal year.

Clinics: The department administered psychological tests at the Child Guidance Clinics in Salem and Lynn, and in the Out-Patient Department of the hospital. A total of 102 clients were tested with the following breakdown:

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Salem Child Guidance Clinic	34	14	48
Lynn Child Guidance Clinic	37	11	48
Out-Patient Department	3	2	5
Prospective Employees	-	1	1

A total of 189 tests were administered in the above



categories.

Hospital Cases: A total of 853 routine psychological tests were administered within the hospital. There were 194 male and 171 female patients tested.

Training: Each new group of student nurses received lectures on the role of the psychologist in the State hospital. A total of 7 such lectures were given.

The seminary students were given a series of 5 lectures on psychology and psychological testing.



### RELIGIOUS SERVICES

In January, 1959, the Board of Trustees approved the erection of a Chapel on the hospital grounds, to care for the spiritual needs of the Catholic patients. Construction is to be under the leadership of His Eminence, Richard Cardinal Cushing, of the Boston Diocese. Land has been leased for this building under the provisions of Chapter 638, Acts of 1957. It is expected construction will be completed in September or October of this year.

We are grateful to the members of the clergy, who have conducted religious services on a regular basis throughout the year for Catholic, Protestant and Jewish patients. Catholic services are held on Sundays and other designated days in the main building, medical building and Middleton Colony, and are under the direction of Rev. Thomas C. Hudgins and Rev. Joseph P. Gately. Protestant services are conducted on Sunday afternoons by Rev. Harold Beede, who also administers to the spiritual welfare of these patients during the year. Regular services are held for the Jewish patients under the direction of Rabbi Hyman Friedman.



ENGINEERING DEPARTMENT

Main Power Plant: Produced 197,069,074 lbs. of steam; generated 1,922,300 KW hours of electricity; purchased 818,900 KW hours of electricity; fuel burned 1,800,556 gallons of #6 fuel oil.

Middleton Colony Plant: Produced 12,918,948 lbs. of steam; purchased 123,880 KW hours of electricity; fuel burned 123,993 gallons of #6 fuel oil.

Major repairs completed:

Overhauled the exhauster in the cannery.

Set up an automatic blancher and vegetable washer in the cannery.

Set up an automatic retort in the cannery.

Built a can filling table with a capacity of 50 #10 cans.

Installed a new electric distribution cabinet at Cottage #4.

Installed new bearings in an American extractor in the laundry.

Installed a sump pump in the sub-basement of F building.

Installed a lavatory in a 1st floor apartment of Gray Gables.

Installed a drinking fountain in the yard in back of C building.

Installed a fuel oil booster pump at the boiler plant at Middleton Colony.

Installed new heat controls in the Medical Library.

Installed a recording thermometer on the blood refrigerator in the clinical laboratory.

Installed new lighting fixtures in 1st floor hall at Gray Gables.

Installed a new gas range in the kitchen at Middleton Colony.



Installed new steam and return lines between the power house and the service building.

Installed a transformer and electric service in the new tractor building.

Installed heat control on the primary heater in the basement of A annex.

Installed a new garment press in the laundry.

Installed fluorescent lighting fixtures in the male and female supervisors' offices.

Installed an electric plate and a kitchen sink in rear dormitory in I-1.

Installed a water mixer for the foot bath in the physiotherapy department.

Installed electric outlets in 2nd floor rooms of the male and female hydro buildings.

Changed the supply line to sprinkler system in the attic at Grove Hall to give greater pressure.

Installed new electric service line to Cottage #6.

Installed a unit heater in the service building.

Repaired and sharpened all lawn mowers.

Repaired the buzz planer in the carpenter shop.

Overhauled hot water circulator in the A building.

Replaced soil pipe in basement of the female T.B. building.

Rebuilt the bread molding machine.

Replaced steam and return lines of the heating system in Harrington basement.

Installed three single phase transformers in the basement of the vegetable storage building.

Installed three phase power distribution in the vegetable storage building.

Installed 4" fiber ducts across Hathorne Avenue for future service lines under the new road.

Overhauled vacuum pumps as follows: One at male home; one at Nurses' home; one at Middleton Colony.

Cleaned and painted three cooling towers, inside and out.

Overhauled hot water circulator in J building.

Installed oil by-pass lines around oil burners in the power house.

Overhauled soot blowers on #1 boiler in power house.

Installed service lines for an electric range in the female hydro building.

Installed a new vegetable dicing machine.

Installed dish pre-rinse equipment in kitchens on 4th and 5th floors of the Medical Building.

Installed dial lights on five Robot-eye units in power plants.

Installed doorbells on four floors in the Nurses' home.

Contract completed: A contract for power plant improvements was completed this year. It was for installation of new drip lines over the boilers, new blowoff lines from the boilers to a new blowoff cistern, new eye-high water gauges on the boilers and back pressure control equipment on the two steam turbines. The new blowoff equipment has eliminated a public nuisance which has bothered us for a long time.

Our #1 boiler at Middleton Colony plant has been completely retubed and is now in first class condition.



CONSTRUCTION DEPARTMENT

Work completed by outside contractors during the past year: Roofing contract for new roof surface of tar and gravel to Service Building, section over main boilers at Power House, male and female Hydro, Rear Center and connecting fire escape to ward buildings in main hospital group. Asphalt roofing to Female T.B. Cottage and Carpenter Shop.

Middleton contract called for modernizing lavatories (15) and emergency lighting, all wards; also, renewing section of hot water heater and replace some hot water pipes.

Maintenance department has been handling the hospital repairs. Some of the work is listed below:

There were 67 tables covered with Formica in patients' cafeteria and Middleton Colony, also wards. Twelve new ceilings in ward rooms installed. Metal shelving to increase storage room at pharmacy. Removal of wooden stairs, D-3 and G-3, to attic, increasing width of corridor for litter cart to pass. Removed old carriage shed at Cottage #4 and rebuilt a two-car garage, Improved entrance to main hospital road. New overhead garage doors installed: 2 at Cottage #8, 2 at Cottage #4, 1 at Cottage #2, and 2 for barn milk holding room. Painted road crosswalks and marked off parking areas on main section of hospital grounds. Painted inside fire escapes, three floors, A, C, D, G, H, I, J ward buildings. Cottages painted outside #1, #2, #5, also four wooden silos. Fifteen new wooden doors made and 40 new wooden window sashes for wards. Secured skylights on main roof in ward buildings from high winds. New asphalt shingle roof over male clothing room and barber shop. Cat walk made and installed on Female Hydro roof to B building, with handrail main ventilator and machinery requiring servicing.



There were 26 large treatment tubs removed from Male and Female Hydro buildings, floors and walls repaired and painted for use to hospital. Major repairs to three large boilers at main power plant, replacing fire brick inside and brick work to top, also sides. Replaced and welded steam and return line in 230-foot runnel connecting power plant to Service Building. Two copper valleys renewed on A building roof. Repairs on G and H roofs, replacing broken slate. There were 150 fly screens repaired or new screens installed for wards D-1 and C-1, wards and rooms repainted. Rubber floor tile installed in seven kitchen floors of cottages. Television sets repaired and adjusted during the past year.

Each trade has its usual repair work to do on hospital equipment.



# FARM AND GROUNDS REPORT

While statistics are sometimes boring to read, it seems to be the only accurate way to record and compare one year with another.

The production figures given in this report are taken from the annual farm report for the year ending December 31, 1958 and, therefore, cover that period. As a better base for comparison the production of this period will be in the left hand column, the five year average including this year in the center column and the plus or minus difference in the right column.

<u>1958</u>	<u>1954-1958</u>	<u>Plus</u>	<u>Minus</u>
Corn Ensilage 222 tons	182 tons	40 tons	
Grass " 1396 "	924 "	472 "	
Hay 143 "	137 "	6 "	
Vegetables 761,850 lbs.	845,097 lbs.		83,247 lbs.
Milk 892,715	796,245 "	96,470 lbs.	
Pork (to kitchen) 91,595 lbs.	77,912 "	13,683 "	

Since sales of cows, sows and boars are now being sold by lot, still on bid proposals, comparisons are not practical.

Rainfall was some below normal during the garden season of 1958 and adversely affected vegetable production but it was not a year of extreme weather conditions.

Total milk production was about two thousand pounds below the year before but ninety-six thousand pounds above the five year average. The herd average ending January 13, 1959 again set a new high for the herd with an average production per cow of 14,603 pounds of milk and 538 pounds of butter fat, an increase of 763 pounds of milk and 36 pounds of butter fat.

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Production of pork to the kitchen showed an increase of over 13,000 pounds. This was done by constantly moving pigs from one house to another and using our sows for two or three litters instead of one as in the past. How long we can maintain this yield becomes a more difficult question each year as our buildings are in deplorable condition. Only by continual re-roofing, patching and bracing of the buildings, are we able to even house the pigs.

Considerable institutional work on the grounds and roads was accomplished this year. The old piggery building was torn down and cleaned up by the farm employees and details. Area in rear of farm repair shops graded and prepared for gravelling to be done, this fall.

Several white and red pine as well as spruce seedlings trees were planted in our wooded areas. Thirty elm and maple trees removed from the avenues. Many hard wood "weed" trees and diseased elms removed from the wooded parts of the farm. Oak and Ash were sawed into lumber at a nearby mill and the elms used to build a dyke between the colony dumping area and the Ipswich River.

The main avenues to the hospital were rebuilt during this year by the Massachusetts Public Works Department.

The greenhouse supplied flowers and plants for the wards in ample supply and in many varieties. A definite plan of lawn fertilization has been established and our lawns are in good shape.



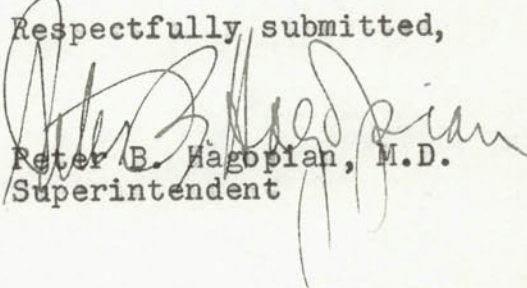
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### ACKNOWLEDGEMENTS

We take this opportunity to repeat words of sincere appreciation to all the individuals and organizations, including our own volunteers and members of the Danvers State Hospital Auxiliary, for their splendid services performed throughout the year. It is encouraging to note the unselfish response of so many persons in the community who are interested in the welfare of the mentally ill. Participating the past year were church groups of various denominations, veterans' organizations and auxiliaries, civic and social groups, service clubs and fraternal organizations, business firms and friends from Boston and the North Shore.

We are grateful to the Board of Trustees, officers and members of the Department of Mental Health, staff and other employees for their loyalty and cooperation during the last year.

Respectfully submitted,

  
Peter B. Hagopian, M.D.  
Superintendent

DANVERS STATE HOSPITAL

Valuation

June 30, 1959

Real Estate - Land 521.86 acres  
Buildings and Betterments

\$	204,750.00
	<u>6,054,300.00</u>
\$	6,259,050.00



## FINANCIAL REPORT

1

Lawrence State Hospital

Name of Institution

1959

## To the Department of Mental Health:

I respectfully submit the following report of the finances of this institution for the fiscal year ending June 30, 1959

## STATEMENT OF EARNINGS

## Board of Patients:—

Private .....

Cities and Towns .....

.....

\$ 467,604.17

\$ 43,472.16

\$ 511,076.33

## Personal Services:—

Labor of Employees .....

Reimbursements from Board of Retirement .....

## Sales and Rents:—

Food .....

Clothing and Materials .....

Housekeeping Supplies .....

Laboratory and Medical .....

Heat and other Plant Operations .....

Farm and Grounds .....

Automotive .....

Advertising and Printing .....

Repairs .....

Special Supplies .....

Office and Administrative .....

Equipment .....

Special Outlay .....

Employee Meals .....

Commission on Pay Stations .....

.....

Rents .....

.....

.....

Total Sales and Rents

\$ 1516.70

\$ 7571.42

\$ 7.75

\$ 2.85

\$ 16357.69

\$ 271.83

\$ 28550.91

\$ 54,256.06

## Miscellaneous:—

Interest on bank balances .....

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Total Miscellaneous

\$ 328.23

\$ 1713.23

\$ 1758.06

\$ 346.00

\$ 4,237.48

\$ 54,472.07

\$ 54,472.07

Total Cash receipts reverting and transferred to the State Treasurer

Total Earnings for year (page 9, Inst. Income)

Accounts Receivable outstanding July 1, 1959

Accounts Receivable outstanding June 30, 1959

Accounts Receivable increased

(If decreased, show in red ink)

\$ 1.00

\$ 1.00

\$ 1.00

001 2 15 20 6M 20  
RECEIVED IN HEALTH DEPARTMENT  
RECEIVED



## MAINTENANCE APPROPRIATION

Appropriation, current year \$ 3,852,742.00

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Total

\$ 3,852,742.00

## EXPENDITURES AS FOLLOWS:

01. Salaries, Permanent	\$ 2627434.60
	189052.45
02. Salaries, Other	
03. Services — Non-employees	43974.00
04. Food For Persons	368973.56
05. Clothing	57994.77
06. Housekeeping Supplies and Expenses	54976.90
07. Laboratory, Medical, and General Care	89935.91
08. Heat and Other Plant Operation	177585.65
09. Farm and Grounds	39967.66
10. Travel and Automotive Expenses	6356.37
11. Advertising and Printing	1352.46
12. Repairs, Alterations and Additions	57184.87
13. Special Supplies and Expenses	1400.00
14. Office and Administrative Expenses	12277.56
15. Equipment	44466.32
16. Rentals	
18. Special Outlay	

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Total Maintenance Expenditures

\$ 3771653.08  
81088.92

Balance of Maintenance Appropriation, June 30, 19

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\$





## PER CAPITA

During the year the average number of patients has been

2342

Total cost of maintenance

\$ 3,771,653.08

Equal to a weekly per capita cost of (52 weeks to year)

\$ 32.97

Total receipts for the year

\$ 566,472.07

Equal to a weekly per capita of

\$ 4.65

Total net cost of Maintenance for year  
(Total Maintenance less total receipts)

\$ 3,205,181.01

Net weekly per capita

\$ 26.32

Respectfully submitted,

*Paul M. Morrison*  
Treasurer



FINANCIAL STATEMENT VERIFIED  
(Under Requirements of C. 7, § 19 GL)

Date September 29, 1959

By Joseph T. O'Shea

For the Comptroller

Approved for Publishing

*Fredrick J. Sheehan*  
Comptroller

DEC 2 15 29 1959